

JEFFREY MARTINEZ

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TECHNICAL KNOWLEDGE AND SKILLS

Languages: Ruby, Python, HTML, CSS, JavaScript, Java, Node, API, Agile Methodology, Software Development Lifecycle

Frameworks/Libraries: Ruby on Rails, React, Redux, Express.js, Gulp, jQuery, Jakarta, Sinatra, Junit, Sass, Bootstrap, Webpack

Database Management: MySQL, MongoDB, PostgreSQL, SQLite3, Relational Databases

Applications: Postman, Visual Studio Code, Eclipse, IntelliJ IDEA, MS Office, Zoom, Amazon S3, InVision, POP (Marvel), Lucid Chart

Technical Support: Local Environment Setup, Zendesk Support, Troubleshooting Hardware & Software, JIRA

EDUCATION & CERTIFICATIONS

Master of Science in Computer Information Systems, *Bellevue University, Bellevue, NE (Remote)* 11/2023 - Current

Bachelor of Science in Software Development, *Bellevue University, Bellevue, NE (Remote)* Graduated: 06/2023

- **GPA: 3.95/4.00**, Summa Cum Laude, Omega Nu Lambda- Xi Chapter National Honor Society
- Dean's List 4.0 GPA Four Consecutive Terms (Spring 2022, Summer 2022, Winter 2022, Spring 2023)

Flatiron School, *New York, NY (Remote)* Graduated: 11/2020

- Full Stack Software Engineering Intensive Bootcamp Certificate

PROFESSIONAL EXPERIENCE

Software Engineering Technical Coach, *Flatiron School, New York, NY (Remote)* 05/2021 - Current

- Collaborated with 5000 software engineering students through pair programming, covering lesson content, debugging, programming concepts, and environmental issues, resulting in 2000+ matriculations with a 99% satisfaction rate.
- Developed and managed team documentation for processes and systems, contributing to a consistent new hire onboarding process and conducting interviews for 23 top-tier candidates on the software engineering team.

Shopify Web Developer, *Garment Printer Ink, Hauppauge, NY* 12/2021 - 01/2022

- Integrated Liquid to create custom pages for the company site for new products and new features of products.
- Improved user interactivity with JavaScript and UI/UX design with custom HTML & CSS

Restaurant General Manager, *Taco Bell, Merrick, NY* 09/2016 - 08/2019

- Fostered a positive environment for 40 employees by implementing daily recognition and celebratory initiatives, creating a culture of appreciation and motivation.
- Increased retention rates from 80% to 95% by providing targeted coaching sessions for shift leads, focusing on honing communication, customer service, and conflict resolution skills, which also fostered a cohesive and harmonious team dynamic.

TECHNICAL PROJECTS

Seguidores de Jesus (Ruby, Ruby on Rails, PostgreSQL) - [GitHub](#) [Live](#)

Built a web application that distributes Parish's communication through the Spanish Community.

- Integrated nokogiri gem for parsing data, including weekly bulletins and the gospel of the day, to share with the community.
- Utilized Amazon S3 Service to enhance image rendering speed by 20% and for document persistence within the application, contributing to scalability from 10 to 500 users within the Spanish Community.

Provisio Hotel Booking Application (Jakarta, Java, MySQL) - [GitHub](#) [Video](#)

Built a hotel booking site that users earn rewards for each night they stay.

- Integrated MySQL to populate data for users, hotels, and reservations and set their relationships.
- Used the MVC architecture to organize different functionalities such as custom methods, rendering, and connecting to the database.

The Guild Education Replica (Ruby on Rails, PostgreSQL, Bootstrap) - [GitHub](#) [Live](#)

Built replica of a Fortune 1000 company's application to manage education assistance benefits.

- Improved background image to be responsive with custom CSS, utilized slim gem for clean code.
- Created feature using PostgreSQL and Rails to enable students to share their experience of courses completed and register for new courses.

Weather Application (Python) - [GitHub](#)

Created a command-line interface to retrieve current weather depending on user input.

- Utilized Python's requests library to send HTTP requests, fetching weather data from WeatherAPI. Parsed and processed the received information for application use.
- Implemented Python Dotenv to safeguard the WeatherAPI key. Stored the key in a separate configuration file, enhancing security by preventing direct exposure in the code.

Music Quiz App (React, Hooks) - [GitHub](#) [Live](#)

Constructed 25-question quiz application with React to test music knowledge.

- Integrated React hooks, specifically 'useEffect' for handling API integration and 'useState' for initializing and managing state. This ensured efficient data fetching and state management within the React application.
- Implemented and customized Tailwind CSS to enhance styling and ensure a personalized design aesthetic for the application.